WHAT IS CLAIMED IS:

1. A packed column provided with a packing support plate so that a packing is disposed on the packing support plate, wherein:

a packing layer (B) having a greater percentage of voids than that of a packing layer (A) is provided between said packing support plate and said packing layer (A).

- 2. The packed column as set forth in claim 1, wherein said packing support plate is a corrugated packing support plate.
- 3. The packed column as set forth in claim 2, wherein:

said packing support plate is a corrugated packing support plate having openings;

a total area of all the openings in said corrugated packing support plate is in a range of 110 percent to 150 percent of a cross-sectional area of said column; and

an area of each opening is in a range f $25\,\mathrm{mm}^2$ to $2000\,\mathrm{mm}^2$.

4. The packed column as set forth in claim 1, wherein at least either said packing layer (A) or said

packing layer (B) includes a packing whose Rmax indicative of a surface roughness according to JIS B0601 is not more than 12.5S.

- 5. The packed column as set forth in claim 1, wherein a difference between a percentage of voids of said packing layer (A) and a percentage of voids of said packing layer (B) is in a range of 0.1 percent to 30 percent.
- 6. The packed column as set forth in claim 1, wherein, in the case where said packing support plate is a corrugated packing support plate, a length of said packing layer (B) is 1.1 times to 1.5 times a height of a projection section of said corrugated packing support plate.
- 7. A method for treating a polymerizable compound, wherein a packed column provided with a packing support plate, a packing layer (A), and a packing layer (B) is employed to treat a polymerizable compound, said packing layer (A) being disposed above the packing support plate, and said packing layer (B) having a greater percentage of voids than that of said packing layer (A) and being disposed between said packing support plate and said

packing layer (A).

- 8. The method as set forth in claim 7, wherein said packing support plate is a corrugated packing support plate.
- 9. The method as set forth in claim 7, wherein at least either said packing layer (A) or said packing layer (B) includes a packing whose Rmax indicative of a surface roughness according to JIS B0601 is not more than 12.5S.
- 10. The method as set forth in claim 7, wherein the polymerizable compound is at least one selected from the group consisting of (meth) acrylic acids and esters of the same.
- 11. The method as set forth in claim 8, wherein:
 said packing support plate is a corrugated packing
 support plate having openings;

a total area of all the openings in said corrugated packing support plate is in a range of 110 percent to 150 percent of a cross-sectional area of said column; and

an area of each opening is in a range f $25\,\mathrm{mm}^2$ to $2000\,\mathrm{mm}^2$.